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ABSTRACT

This document presents an annotated bibliography of over 60 computer-related periodicals. All periodicals included in the bibliography are published in the United States and are of interest to the general user of computers and/or microcomputers. A few items of greater technical difficulty were included for readers intending to become more deeply involved in the computer field. Items which are considered especially appropriate for first acquisition by a library have been identified. Frequency of publication is designated. (Author/DB)

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A SURVEY OF SELECTED COMPUTER-RELATED PERIODICALS

Compiled by Jim Michelsen

The following list of over sixty periodical titles represents a winnowing-down of a much longer body of computer-related items. Two main criteria were used in the winnowing process: the periodical must be published in the United States, and it must be of interest to the general user of computers or microcomputers, rather than to the specialist. Nevertheless, a few items on this selected list may appear too technical for the generalist. They have been included for the sake of the reader who has eventual ambitions for deeper immersion into the computer field.

For those seeking to use this list as a purchase guide for libraries, an asterisk has been placed next to those entries especially appropriate for first acquisitions in this area.

Guide to abbreviations for frequency of publication:

A.....annual
BM.....bimonthly
BW.....biweekly
M.....monthly
Q.....quarterly
SA.....semiannual
W.....weekly
3/yr.....three times per year

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TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

ACCESS DAC Publications PO Box 764 Oakridge OR 97463 Q $9.00
Oriented towards users of microcomputers in libraries, featuring news and events coverage, personality profiles, product reports, software review, technical reports, practical "how-to" articles, and field reports of librarians' applications of microcomputers.

ACM Guide to Computing Literature Association for Computing Machinery 1133 Avenue of the Americas New York NY 10036 A $50.00
Lists over 10,000 current scientific books, papers and reports and over 200 computer-science categories. Compiles all items in ACM's Computing Reviews plus all papers from ACM conferences.

Acronyms Publications Office Computer Laboratory Michigan State University East Lansing MI 48824 8/yr free
A newsletter of computing and data communication at Michigan State University. Features helpful news updates on the use of MSU's mainframe computer, special microcomputer applications articles, and latest offerings of short courses on computing.

The Alternate Source Alternate Source 1806 Ada St Lansing MI 48910 6/yr $12.00
Articles on advanced applications and software for the TRS-80 microcomputer, especially those equipped with disk storage.

American Society for Information Science Bulletin of ASIS 1155 16th St NW Washington DC 20036 M $24.75
A scholarly journal devoted to the various fields of documentation and information science. Articles are quite technical, often featuring mathematical models. Issues average 80 pages.

Apple Apple Computer Inc 10260 Bandley Drive Cupertino CA 95014 SA $2.50 per issue
About forty pages of slick, lavishly illustrated articles on microcomputer applications. Contains no reviews or programs. A five page "Apple at a glance" section is a summary of Apple products.

BRS Bulletin Bibliographic Retrieval Service Inc Corporation Park Building 702 Scotia NY 12302 M free to users
Eight pages of news for users of the BRS system. Newly available databases are described, notices of upcoming training are listed, and helpful hints for searchers are offered.

* Byte Byte Publications Inc 70 Main Street Peterborough NH 03458 M $19.00
Compendium of illustrated articles, reviews, programs and several regular departments. Best single source for advertisements of microcomputer-related products. Indexed in Magazine Index.

CLOAD Magazine CLOAD Magazine Inc PO Box 1267 Goleta CA 93116 M $45.00
Issues comprised of a C-30 cassette containing TRS-80 microcomputer programs, accompanied with a sheet of announcements, advertisements, 'bug' corrections, etc. Programs include business applications, games and utilities.

CMTUG News the official newsletter of the Central Michigan TRS-80 Users Group Joni Kosloski 1806 Ada Street Lansing MI 48910 M $12.00
Contains local and national news on microcomputer hardware and software; applications and utility programs.

Comprehensive Bibliography of Computing Literature Association for Computing Machinery 1133 Avenue of the Americas New York NY 10036 A $20.00
A guide to the literature of computing and its applications. Compiles over 2,000 review citations, drawn from Computing Reviews Magazine. KWIC, subject, author and reviewer indexes.

Compute! Small System Services Inc PO Box 5406 Greensboro NC 27403 6/yr 12 issues for $16.00
Specializes in microcomputers based on the 6502 CPU: Pet, Apple, Atari, OSI, KIM, SYM, and AIM. Each of these brands has its own 'gazette' within the magazine, including programs, tutorials and troubleshooting articles.

Computer Age a World Trade Report EDP News Services 7620 Little River Turnpike #414 Annandale VA 22003 M $75.00
Up-to-date information on world market news. Designed for companies producing data processing hardware, software and services. Examines EDP demand in selected foreign markets, and the impact of foreign politics and economic policy.

Computer Business News CW Communications Inc 375 Cochituate Road Box 880 Framingham MA 01701 W $25.00
Aimed at manufacturers of hardware and software, and at computer marketing personnel.

Computer Decisions Hayden Publishing Co Inc 50 Essex Street Rochelle Park NJ 07662 M $24.00
Devoted to helping managers meet present and future computer-related problems. Contains no mathematical formulae or complicated flowcharts. Stresses computer applications rather than their design or internal operations.

Computer Peripherals Review GML Corporation 594 Marrett Road Lexington MA 02173 3/yr $195.00
A looseleaf reference resource covering thousands of models of commercially available computer products worldwide, including peripherals specifications, features, applications, price and other related data.

Computer Shopper Patch Publishing Co Inc PO Box F Titusville FL 32780 M $10.00
Tabloid-sized newsprint publication with classified and display ads for microcomputer hardware and software. Also features users group and club directory, a hardware review column, and a "hints & kinks" column.

Computers and People (formerly Computers and Automation) Berkeley Enterprises Inc 815 Washington Street Newtonville MA 02160 BM $14.50
Contains a variety of mostly general articles on information processing systems; a few technical articles are usually reprints. Includes games, cartoons, other illustrations.

Computers and Programming/Science & Electronics Davis Publications Inc 380 Lexington Ave New York NY 10017 BM $7.50
This new name for the former Science & Electronics reflects a change in editorial direction. Includes articles on novel computer applications, program articles, construction articles, and computer product reviews.

Computerworld 60 Austin Street Newton MA 02160 W $36.00
Current news, commentary and special reports on computer technology. Articles range from general informational level to the highly technical; illustrations, graphs, computer-related advertisements are common.

Computing Newsletter for Instructors of Data Processing Center for Cybernetics Systems Synergism Box 7345 Colorado Springs CO 80933 9/yr $18.00
Eight to twelve pages of articles on personal computing, technology trends, new programming languages, systems design, model simulation, and surveys of available books and periodicals.

Computing Newsletter for Schools of Business College of Business Administration University of Colorado Cragmor Road Colorado Springs CO 80907 9/yr $24.00
Eight to twelve pages of articles describing computer programs for use in business and economics courses. Includes book reviews and short news items.

Computing Reviews Association for Computing Machinery 1133 Avenue of the Americas New York NY 10036 M $40.00
A technical journal of information about current computing sciences publications. Contains reviews, abstracts and mathematical equations models.

* Computing Teacher Computing Center Eastern Oregon State College LaGrande OR 97850 7/yr $10.00
For persons interested in the instructional use of computers, the journal emphasizes teaching about computers, using computers, teacher education, and the impact of computers on curriculum.

Control Engineering Dun-Donnelley Publishing Corp 222 S Riverside Pl Chicago IL 60606
Emphasizes the exchange of information among industries utilizing control techniques, instrumentation and data handling. Very technical approach.

* Creative Computing Creative Computing Box 789-M Morristown NJ 07960 M $20.00
Emphasis on innovative and pragmatic applications and software for personal computers in home, small business, and educational settings.

Data Channels (incorporating Computer Digest and Data Processing in Education) Phillips Publishing Inc 7315 Wisconsin Ave Washington DC 20014 BW $147.00
Newsletter on data communications geared to executives, consisting of brief items on technology, legislation, regulations and announcements of new systems and publications. Periodically includes a calendar of events related to data processing and communications.

Data Processing Digest 6820 LaTijera Blvd Los Angeles CA 90045 M $51.00
Abstracts periodicals, books, proceedings and papers for information on electronic data processing.

* Database the magazine of database reference and review Online Inc Tannery Lane Weston CT 06883 Q $52.00
Features articles on searching specific databases, as well as several regular columns, i.e. - current news on databases, job openings, publisher's column.

* Datamation Technical Publishing (a Dun and Bradstreet Company) 1301 S Grove Ave Barrington IL 60010 M $36.00

Devoted to news and feature articles on mainframe and minicomputers, as employed by the business community. Aimed at corporate data processing managers.

Datapro Directory of Microcomputer Software Datapro Research Corp 1805 Underwood Blvd Delran NJ 08075 2 vols monthly updates $340.00

Lists over 2,000 software products, over 1,000 vendor profiles, a current price list, and four indexes: applications, product name, vendor/product name, and computer system.

Datapro Directory of Small Computers Datapro Research Corp 1805 Underwood Blvd Delran NJ 08075 2 vols monthly updates $330.00

Includes a general and an applications index, and sections on basic computer concepts, systems, company profiles, vendors, maintenance companies, user groups, clubs and associations, user ratings and a glossary.

Dr Dobb's Journal of Computer Calisthenics and Orthodontia People's Computer Company Box E 1263 El Comino Real Menlo Park CA 94025 M $21.00

Articles on hardware, software, and new programming languages. Devotes much space to program listings. Includes book reviews, new product news, and other specialized regular columns.

80 Microcomputing 1001001 Inc 80 Pine Street Peterborough NH 03458 M $18.00

Addressed solely to TRS-80 users. Contains applications, games, graphics, interface, tutorial and utility articles, book and software reviews, market surveys of available hardware, and specialty columns. Mandatory for TRS-80 owners.

80 U S the TRS-80 users journal 80-Northwest Publishing Inc 3838 South Warner Street Tacoma WA 98409 BM $16.00

Hardware evaluation and construction articles; book and software reviews; BASIC and machine language programs.

Electronics McGraw-Hill Inc 1221 Avenue of the Americas New York NY 10020 BW $19.00

An electronics industry service publication oriented toward hardware design at the physics and chemistry level. Covers the latest devices being developed and employed, often in computer applications.

H & E Computronics H & E Computronics Inc 5 North Pascock Road Spring Valley NY 10977 M $24.00

For users of TRS-80 microcomputers, this magazine publishes programs, hardware and software reviews and several regular department columns, including a "Beginners' Corner" for readers new to microcomputing.

Information Hotline Science Associates/International Inc 1841 Broadway New York NY 10023 M $35.00

Contains news on data bases, information networks, innovative information services, and research projects.

Information Systems Pergamon Press Maxwell House Fairview Park Elmsford NY 10523 Q $100.00

Concerned with the design, building, maintenance and use of computer-based information systems. Includes flowcharts and/or programs; articles are fairly technical.

Infoworld Popular Computing Inc 530 Lytton Ave Palo Alto CA 94301 BW $18.00
Tabloid-sized newsprint format contains current information for microcomputer users. Reviews hardware and software. No articles on programming.

Interface Age McPheters Wolfe & Jones 16704 Marquardt Ave Cerritos CA 90701 M $18.00
Contains new products reviews, book reviews, business/home applications in microcomputing; some programming examples; wide coverage, especially for small businesses.

Inventory of Automatic Data Processing Equipment in the United States Government U S General Services Administration Federal Supply Service GPO Washington DC 20402 irregular $12.00
Title is quite descriptive of contents. Lists, charts and statistics are also included.

Journal of Computer-Based Instruction Association for the Development of Computer-Based Instructional Systems Computer Center Western Washington University Bellingham WA 98225 Q $12.00 (personal) $20.00 (institutional)
Publishes original investigations and theoretical papers dealing with direct applications of computing to the problems of learning and instruction, design of curriculum and authoring languages.

Kilobaud Microcomputing Wayne Green Inc 80 Pine Street Peterborough NH 03458 M $25.00
Short, technical yet readable articles for the newcomer to computing. Practical reviews of hardware and software; articles on program writing and modification; new products and book and software reviews.

Library Computer Equipment Review Microform Reviews Inc Box 405 Saugatuck Sta Westport CT 06880 SA $150.00
Very readable and informed editorials on types of equipment, featuring selection guide reviews of latest developments. Prices, glossaries and indexes of the many available small systems suitable for library automation, written for the uninitiated as well as the sophisticated computer user.

Mean Brief Microcomputer Education Application Network Suite 800 1030 Fifteenth Street NW Washington DC 20005 Q $10.00
Contains news items on the microcomputer industry, software developments, new educational applications and on the MEAN organization itself, which sells software packages.

Micro The 6502/6809 Journal MICRO INK Inc Chelnasford MA 01824 M $18.00
General interest service publication for owners of AIM, Pet, Apple and Radio Shack Color Computers. Applications and systems software articles for specific models.

* on Computing on Computing Inc 70 Main Street Peterborough NH 03458 Q $8.50
Good magazine for the beginner, and for the non-practioner. Features biographical, historical and tutorial articles, product reviews, and programs. If a program is not written for TRS-80 or Apple microcomputers, instructions are furnished for the reader to so modify the program.
NOTE: With the November 1981 issue, on Computing will be renamed Popular Computing and become a monthly publication.

Online Online Inc 11 Tannery Lane Weston CT 06883 Q $48.00
Oriented to the information industry professional, this magazine features user group directories, book reviews, available databases, job openings, critical reviews of files and file design. Devotes liberal attention to global database access issues and to crossfile database searching.

Online Review Learned Information Anderson House Stokes Road Medford NJ 08055 Q $25.00
International journal (with English emphasis) on the design aspects of information retrieval technology. Includes theoretical background from file design to user issues, news, book reviews, and calendar of events.

Personal Computers Mechanix Illustrated Home Service Series CBS Publications 1 Fawcett Place Greenwich CT 06830 Q $6.00
Mass-market approach to the microcomputing field. Covers entertainment, hobby and business applications, hardware reviews, and feature articles.

Personal Computing Hayden Publishing Co 50 Essex Street Rochelle Park NJ 07662 M $18.00
General interest microcomputing articles for novices and those just entering the field. News updates, programs, competing product surveys, and several interesting regular departments, such as computer bridge.

Perspectives in Computing IBM Corp Armonk NY 10504 Q $12.00
Multidisciplinary publication designed to demonstrate a variety of problem-solving computer applications in research and education. Deals principally with IBM hardware and services. Academic and scientific orientation.

Recreational Computing People's Computer Co 1263 El Camino Real Box E Menlo Park CA 94025 6m $12.00
Family oriented popular articles on microcomputing, including classroom applications and games. Regular features include electric phone book, book reviews, product news and programming problems.

School Microware Dresden Associates P O Box 246 Dresden ME 04342 Q $20.00
A directory of educational software, containing over 500 programs/packages. All grade levels and most subjects are covered. For use with Apple, Pet or TRS-80 microcomputers.

Small Business Computers SBC Magazine Publishing Co Inc 33 Watchung Plaza Montclair NJ M $12.00
Accounting, managers' reports, and other applications software for small business users. Strongly oriented toward the CP/M operating system user.

* Small Computers in Libraries Graduate Library School College of Education University of Arizona 1515 E First Street Tucson AZ 85721 M $20.00
Reports on new applications of microcomputers in Libraries, publisher survey and introductory articles on specific segments of the microcomputing field; reviews books, software and hardware.

SoftSide your Basic software magazine SoftSide Publication 6 South Street Milford NH 03055 M $24.00 magazine only
Publishes articles and programs tailored for TRS-80, Apple, Atari and Pet microcomputers. Also available are cassette or disk versions of the monthly software selection.

Software Digest EDP News Services Inc 7620 Little River Turnpike Suite 414 Annondale VA 22003 BW $88.00

Aimed at data processing executives and users needing current information on federal programs, policies, contract procurements and awards; technology-application innovations; vital statistics and trends; mergers and buy-out negotiations; professional literature.

Software Review Microform Review Inc 520 Riverside Ave Westport CT 06880 BA $38.00

Contains articles on software concepts, evaluation and selection; reports on education/library oriented software products; book reviews pertaining to education/library computer software.

Top Computer Executives, Directory of Applied Computer Research P.O. Box 9280 Phoenix AZ 85068 SA $150.00

Primarily a marketing tool, whose listings are organized geographically by city and state, and cross indexed for twelve different industry and government classifications, including all six of the Fortune industrial/commercial classifications.

TRS-80 Microcomputer News: The Microcomputer Newsletter Published for TRS-80 Owners Radio Shack 700 One Tandy Center Fort Worth TX 76102 M $12.00

Comments on microcomputer current events, publicizes new Radio Shack computer products, explains proper use of TRS-80 hardware and software, publishes helpful programs. Has monthly columns for each of the four TRS-80 computer lines, plus columns on peripherals, education and Videotex.